RUDRAPRASAD CONSULTANTS
Structural Engineers, Architects &
Project Management Consultants

To,

Date: 23-06-2022

ASSISTANT EXECUTIVE ENGINEER
YELAHANKA NEW TOWN SUB DIVISION
BBMP
BANGALORE

Dear Sir,

Sub: M/s. Rudraprasad Consultants Services for the work of **"RESTORATION AND IMPROVEMENTS OF BALANCE ROADS OF CHOWDESHWARI LAYOUT, MARIYAPPA LAYOUT, MUNIRAJU LAYOUT, JYOTHINAGARA 1ST MAIN ROAD, DEO MARVEL LAYOUT, SAINAGARA PHASE-1 AND SURROUNDING AREAS IN WARD NO - 03 OF YELAHANKA NEW TOWN SUB DIVISION (PACKAGE NO-13)"**

Ref: 1. Work Order No: BBMP/EE/YNK.D/EPMT - 08/W.O/117/2021-22

2. Job code: 003-22-000005

We are here with forwarding to M/S SATHYA CONSTRUCTIONS, Prop. Rajeshwaran Satheesh, No: 600, DOWN BAZAR ROAD, YELAHANKA, BANGALORE – 560064. Second & Final Bill duly verified and certified that the work is satisfactory and for a Gross Value of Rs. 3,11,66,823.00/- (Rs. Three Crore Eleven Lakhs Sixty Six Thousand Eight Hundred and Twenty Three Only). First and Part bill for Rs. 7,77,07,234/- were previously submitted & the total bill amount submitted till date being Rs. 10,88,74,051/-(Rs.Ten Crore Eighty Eight Lakhs Seventy Four Thousand and Fifty One Only).

Thanking you,

Yours faithfully,

For Rudraprasad Consultants

R. KARTHIK RECHAN B.E, M.S (U.S.A)
PRINCIPAL CONSULTANT
RUDRAPRASAD CONSULTANTS

Attachments PMC Compliance report

#3, 7th Main Malleswaram, Bangalore – 560003
Telefax: 9180 23444801, Mobile: 91 9972924526
Web: www.arkengineers.com e-mail: rechan6630@yahoo.co.in

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NAME OF WORK:- Restoration and Improvements of Balance Roads of Chowdeshwari Layout, Mariyappa Layout, Muniraju Layout, Jyothinagara 1st Main Road, Deo Marvel Layout, Sainagara Phase-1 and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO-13)

Name of Client : EXECUTIVE ENGINEER, YELAHANKA DIVISION, BBMP, BANGALORE

Contractor/ Agency : M/S SATHYA CONSTRUCTIONS, Prop. Rajeshwaran Satheesh, No: 600, DOWN BAZAR ROAD, YELAHANKA, BANGALORE - 560064

Total Cost : Rs. 3,11,66,823/-

Date Of Inspection : 23-06-22

Status Of Bill : Second & Final Bill

In the Presence of : a) Assistant Engineer Yelahanka division, BBMP, Bangalore
b) R. Karthik Rechan, Partner, M/S RUDRAPRASAD CONSULTANTS, BANGALORE

Sl. No.	Description of work	Comments/Observations
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
2	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory

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3	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs. With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
4	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
5	Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete. and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
6	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per the directions of the Engineer in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory

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10	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
11	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. and complete as per specifications and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
12	Construction of Embankment with Material Gravel/ Murrum. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
13	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory

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14	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
15	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specificationsand as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
16	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
17	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory

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18	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
19	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specification and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory

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